

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	46	vibrating stirrer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:09
L11	2	vibrating stirrer and photo\$catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:19
L13	0	vibrating stirrer and photo\$catalyst and ultra\$sound	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:21
L16	0	vibrating stirrer and ultra\$sound	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:22
L17	1565	210/650.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:23
L18	1344	210/695.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:24
L19	104	210/748.03.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:24
L20	629	210/748.01.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:24

L21	105	210/748.02.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:24
L22	54	210/748.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:24
L23	130	210/748.05.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:24
L24	35	210/748.06.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:24
L25	77	210/748.07.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:24
L26	42	210/748.08.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:24
L27	89	210/748.09.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:24
L28	76	210/748.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:24
L29	197	422/186.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:25
L30	1318	422/186.3.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:25

L31	1285	422/22.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:25
L32	1448	422/24.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:25
L33	59029	"205"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:25
L34	352	422/66.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/13 21:26
S1	1	"10553525"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 10:18
S2	426	photocatalyst and metal and coating and vibration and halogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 10:24
S3	15	photocatalyst near coating and metal and vibration and halogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 10:25
S4	0	active aniseptic water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 10:26
S5	4	active antiseptic water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 10:26
S6	0	wo 02/092514	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 10:32

S7	1	wo "02092514"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 10:32
S8	1	wo "0183385"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 10:37
S9	2	jp "2002282669"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 10:46
S10	2	jp "2002166238"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 10:54
S11	0	OMASA, "RYUSHIN. in. "	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 12:24
S12	46	OMASA, RYUSHIN.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 12:24
S13	397	antiseptic water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 13:03
S14	0	antiseptic water and photocatalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 13:04
S15	59	antiseptic water and vibration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 13:04
S16	43	"3912626"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 13:33

S17	1	"12454010"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/09 21:39
S18	6	light-leaking portion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/13 10:47
S19	43	"5164094"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/13 12:10
S20	2	"2002282669"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/15 13:28
S21	2	"7673516"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/16 14:45
S22	0	packed column near wave guide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/16 14:57
S23	0	packed column near waveguide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/16 14:57
S24	105	packed column and waveguide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/16 14:57
S25	40	packed column and waveguide and adsorbent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/16 14:57
S26	382932	optical fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/20 16:04

S27	39434	optical fiber and (uv or ultra\$ violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/20 16:07
S28	129	S27 and "210"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/20 16:07
S29	0	membrane near nanostruture near (uV or ultra-violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:19
S30	0	membrane near nanostruture with (uV or ultra-violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:19
S31	0	membrane near nanostructure with (uV or ultra-violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:20
S32	40	membrane near nanostructure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:20
S33	6	membrane near nanostructure and (uv or ultra\$ violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:21
S34	2000	membrane and nanostructure and (uv or ultra\$ violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:21
S35	0	membrane near nanostruture with (uV or ultra-violet) and TiO2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:22
S36	0	membrane near nanostruture with (uV or ultra-violet) and TiO2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:22

S37	0	membrane near nanostruture with (uV or ultra-violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:23
S38	0	membrane near nanostructure with (uV or ultra-violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:23
S39	34	membrane and nanostructure with (uV or ultra-violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:23
S40	1	membrane and nanostructure with (uV or ultra-violet) and TiO2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/09/21 16:23
S41	46	OMASA, RYUSHIN.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/12 00:15
S42	1	"10553525"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/12 00:18
S43	246	426/66.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2011/02/12 00:18

## EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	181	photocatalyst and metal and coating and vibration and halogen	USPAT; UPAD	ADJ	ON	2011/02/13 21:08
L2	8	photocatalyst near coating and metal and vibration and halogen	USPAT; UPAD	ADJ	ON	2011/02/13 21:08

L3	0	membrane and nanostructure with (uV or ultra-violet) and TiO2	USPAT; UPAD	ADJ	ON	2011/02/13 21:08
L4	11	OMASA, RYUSHIN.in.	USPAT; UPAD	ADJ	ON	2011/02/13 21:08
L5	0	membrane and nanostructure with (uV or ultra-violet) and TiO2	USPAT; UPAD	ADJ	ON	2011/02/13 21:08
L6	6	membrane and nanostructure with (uV or ultra-violet)	USPAT; UPAD	ADJ	ON	2011/02/13 21:09
L7	790	membrane and nanostructure and (uv or ultra\$iolet)	USPAT; UPAD	ADJ	ON	2011/02/13 21:09
L8	8	photocatalyst near coating and metal and vibration and halogen	USPAT; UPAD	ADJ	ON	2011/02/13 21:09
L9	21	vibrating stirrer	USPAT; UPAD	ADJ	ON	2011/02/13 21:09
L12	0	vibrating stirrer and photo\$catalyst	USPAT; UPAD	ADJ	ON	2011/02/13 21:19
L14	0	vibrating stirrer and photo\$catalyst and ultra\$ound	USPAT; UPAD	ADJ	ON	2011/02/13 21:22
L15	0	vibrating stirrer and ultra\$ound	USPAT; UPAD	ADJ	ON	2011/02/13 21:22

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